

Remarks

Reconsideration of this application as amended is respectfully requested.

Claims 33-156 stand rejected under 35 U.S.C. §112, first paragraph.

Claims 33-156 stand rejected under 35 U.S.C. §102(e) as being unpatentable over U.S. Patent No. 6,219,708 B1 of *Martenson* ("*Martenson*").

Claims 33-156 stand rejected under 35 U.S.C. §103(a) as being unpatentable over *Martenson* and U.S. Patent No. 5,917,405 of *Joao* ("*Joao*").

The Examiner has stated that the title is not descriptive. In response, applicant has provided a replacement title that is indicative of the methods claimed in claims 33-156.

The Examiner has stated that all related applications must be mentioned after the Title and before the Background of the Invention. In response, applicant has amended the specification to refer to the related applications.

The Examiner has stated that hyperlinks must be removed from the specification. In response, applicant has amended the specification to remove hyperlinks.

The Examiner has stated that each of the claimed features must be shown in the figures and specifically referred to the fact that there is no "copier" in the figures. In response, applicant has amended claims 33, 63, 72, 81, 94, 103, 112, 121, 130, 139, and 148 to recite a device that is a copier, a printer, a fax machine, a video player, a television, a thermostat, a refrigerator, a washing machine, a disk drive, an oscilloscope, and a spectrum analyzer, respectively. Applicant submits that a device that is a copier, a printer, a fax machine, a video player, a television, a thermostat, a refrigerator, a washing machine, a disk drive, an oscilloscope, or a spectrum analyzer is shown in the figures as the device 10 as stated in the specification on pages 10-

12.

The Examiner has objected to the specification under 35 U.S.C. §112, first paragraph, as failing to provide an enabling disclosure and/or written description. The Examiner has rejected claims 33-156 under 35 U.S.C. §112, first paragraph, for the same reasons.

Although it is well settled that an analysis the adequacy of a written description calls for a comparison of the language of the claims to the specification, Wang Labs v. Toshiba Corp., 26 USPQ2d, 1767, 1774 (Fed. Cir. 1993), the Examiner has not cited any language in claims 33-156 other than "washing machine" and "video player" and "refrigerator" in objecting to Applicant's specification and rejecting claims 33-156 under 35 U.S.C. §112, first paragraph. Instead, the Examiner has stated that

There is a lack of disclosure and/or written description allowing the devices to interface with the network so they can be monitored and controlled by a remote user via an [sic] network.

(Page 2, paragraph 8, Office Action, 6-22-04).

Applicant respectfully submits that claims 33-156 are not directed to allowing devices to interface with a network so they can be monitored and controlled via the network as implied by the Examiner. Instead, claims 33-156 are directed to a method for providing a web page interface for a device. Applicant submits that the method of claims 33-156 is described in numerous portions of the specification.

For example, the limitations in claims 33-156 of "entering a URL corresponding with" a device "into a web browser" and of "transferring an HTTP command that specifies the entered URL, from the web browser over a communication path" are described on pages 15-16 and 20-22 of the specification. The limitations in claims 33-156 of "receiving the HTTP command, via the communication path, through a network interface" and of "recognizing the URL contained in the HTTP command" are described on pages 8-10 of the specification. The limitations in claims 33-156 of

"generating, with a web server embedded in" the device, "a web page that enables control functions" for the device "to be initiated from the web browser" are shown in Figures 1a-1b and described on pages 8-9, 11, and 13 of the specification. The limitations in claims 33-156 of "transferring the web page and the specified URL from" the device "via the communication path" and of "receiving the web page with the web browser" and of "rendering the web page with the web browser" are shown in Figures 2, 4 and 5 and described on pages 15-18 of the specification.

The Examiner has stated that

The washer machine of page 12 (line 17) is not controlled in the same manner as is the video player of page 12 (line 1) in that a washer machine does not have a "rewind" function nor does a video player have a "delicate" setting.

(Page 2, paragraph 8, Office Action, 6-22-04) (emphasis original).

It is respectfully submitted that claims 33-156 do not recite controlling "rewind" and "delicate" settings as implied by the Examiner. As shown above, claims 33-156 are directed to a method for providing a web page interface for a device that includes limitations that are described in numerous portions of the specification. In regard to device-specific functions, e.g. functions for a fax machine, a video player, etc., Applicant respectfully directs the Examiner's attention to the monitor 16 shown in Figure 1a and the accompanying text on pages 8-9 of the specification as well as the device-specific hardware 300 shown in Figure 1b and the accompanying text on pages 11-12 of the specification.

The Examiner has posed the following question:

Where is the source code and hardware allowing one to control the video player and/or washing machine by a user on a Browser via the network?

(Page 2, paragraph 8, Office Action, 6-22-04). Applicant respectfully submits that claims 33-156 do not recite source code or hardware for allowing control of a device via a network. Instead, claims 33-156 recite a method for providing

a web page interface for a device. Applicant's specification sets forth numerous alternative implementations of embedding a web server and communicating with an embedded web server as claimed in claims 33-156 including existing processor and memory resources (pages 11-13 of Applicant's specification), and single or multiple integrated circuit chips as well as state machines (page 13 of Applicant's specification).

The Examiner has stated that

The missing gap, or "black box", is a unit internal or external to the specific device that interfaces the specific device to the network by way of hardware and software.

(Page 3, lines 1-4, Office Action, 6-22-04) (emphasis original). Applicant respectfully submits that claims 33-156 are not directed to a unit that interfaces a device to a network as implied by the Examiner. Instead, claims 33-156 recite a method for providing a web page interface for a device. Moreover, applicant has cited above numerous portions of the specification that enable one of skill in the art to practice the methods of claims 33-156.

It is therefore respectfully submitted that Applicant's specification provides a written description that enables a person skilled in the art (see 35 U.S.C. §112, first paragraph) to practice a method for providing a web page interface for a device as claimed in claims 33-156.

The Examiner has rejected claims 33-156 under the judicially created doctrine of obviousness-type double patenting in view of claims 1-26 of U.S. Patent No. 5,956,487 and claims 1-32 of U.S. Patent 6,170,007. In response, applicant submits herewith terminal disclaimers for U.S. Patent Nos. 5,956,487 and 6,170,007.

The Examiner has provisionally rejected claims 33-156 under the judicially created doctrine of obviousness-type double patenting in view of the following co-pending Patent Applications: Ser. No. 09/721,409, 09/862,230, Ser. No. 09/862,622, Ser. No. 09/862,804, Ser. No. 09/863,300, Ser. No. 09/863,368, Ser. No. 09/865,347, Ser. No. 09/865,944, and Ser.

No. 09/865,977. In response, applicant submits herewith a terminal disclaimer for Patent Applications: Ser. No. 09/721,409, 09/862,230, Ser. No. 09/862,622, Ser. No. 09/862,804, Ser. No. 09/863,300, Ser. No. 09/863,368, Ser. No. 09/865,347, Ser. No. 09/865,944, and Ser. No. 09/865,977.

The Examiner has rejected claims 33-156 under 35 U.S.C. §102(e) as being un-patentable over *Martenson*. Applicant respectfully submits that amended claim 33 is not anticipated by *Martenson*. Amended claim 33 is a method for providing a web page interface for a device that includes generating, with a web server embedded in the device, a web page that enables control functions for the device to be initiated from a web browser and rendering the web page with the web browser.

Martenson does not disclose generating, with a web server embedded in a device, a web page that enables control functions for the device to be initiated from a web browser as claimed in amended claim 33. *Martenson* at col. 8. lines 25-40 shows a web page for initiating fault/status gathering functions in a network resource (*Martenson*, col. 8, lines 1-5) but does not teach that the web page shown at col. 8. lines 25-40 is generated by a web server embedded in the network resource as claimed in amended claim 33.

In contrast to generating a web page that enables control functions for a device in response to a URL entered in a web browser, *Martenson* discloses performing a management function call in a network resource in response to a URL entered in a web browser. (*Martenson*, col. 8, lines 43-48). For example, *Martenson* discloses a web server in a network resource that receives a hyperlink reference from a browser (*Martenson*, col. 8, line 46) and that parses the hyperlink reference into a management function call in the network resource (*Martenson*, col. 8, lines 47-48) using a table (*Martenson*, col. 8, lines 55-58).

Given that claims 34-62 depend from amended claim 33, it is submitted that claims 34-62 are not anticipated by

Martenson.

It is also submitted that claims 63-156 are not anticipated by *Martenson*. Claims 63-156 include limitations similar to the limitations of amended claim 33 including generating, with a web server embedded in a device, a web page that enables control functions for the device to be initiated from a web browser. Therefore, the remarks stated above with respect to amended claim 33 also apply to claims 63-156.

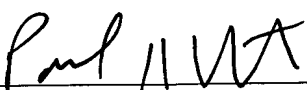
The Examiner has rejected claims 33-156 under 35 U.S.C. §103(a) as being un-patentable over *Martenson* and *Joao*. Applicant submits that claims 33-156 are not obvious in view of *Martenson* and *Joao* because *Martenson* and *Joao* do not disclose or suggest generating, with a web server embedded in a device, a web page that enables control functions for the device to be initiated from a web browser as claimed in claims 33-156. Applicant has shown above that *Martenson* does not disclose a method as claimed in claims 33-156. *Joao* discloses a CPU that communicates with a variety of home based and vehicle mounted devices (*Joao*, col. 12, lines 5-65, col. 4, lines 12-62) rather than generating, with a web server embedded in a device, a web page that enables control functions for the device to be initiated from a web browser as claimed in claims 33-156.

It is respectfully submitted that in view of the amendments and arguments set forth above, the applicable rejections have been overcome.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 08-2025 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

Date: 9-22-04

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